

INTERNATIONAL SEARCH REPORT

International Application No

PCT/RU 03/00131

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 C22B3/14 C22B11/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 C22B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, COMPENDEX

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|------------|--|-----------------------|
| X | US 4 561 947 A (SCHULZE REINHOLD) 31 December 1985 (1985-12-31) the whole document | 1 |
| A | WO 02/42503 A (LEE JOHN J ; ORTHOTECH IND CORP (US)) 30 May 2002 (2002-05-30) the whole document | 1 |
| A | US 4 979 986 A (HILL DAVID L ET AL) 25 December 1990 (1990-12-25) the whole document | 1 |
| A | US 4 439 235 A (SIMPSON CHARLES H) 27 March 1984 (1984-03-27) cited in the application the whole document | 1 |
| | ----- -/- | |

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier document but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"&" document member of the same patent family

Date of the actual completion of the international search

26 January 2004

Date of mailing of the international search report

04/02/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Swiatek, R

INTERNATIONAL SEARCH REPORT

International Application No
PCT/RU 03/00131

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|------------|---|-----------------------|
| A | US 4 605 537 A (TOURO FREDDIE J) - 12 August 1986 (1986-08-12) the whole document | 1 |

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/RU 03/00131

| Patent document cited in search report | | Publication date | Patent family member(s) | Publication date |
|---|---|---------------------|--|--|
| US 4561947 | A | 31-12-1985 | AU 559401 B2 AU 2441484 A BR 8400739 A CA 1220345 A1 DE 3401961 A1 FI 840620 A FR 2541311 A1 SE 8400910 A ZA 8400929 A | 12-03-1987 30-08-1984 25-09-1984 14-04-1987 23-08-1984 23-08-1984 24-08-1984 23-08-1984 26-09-1984 |
| WO 0242503 | A | 30-05-2002 | AU 1667902 A WO 0242503 A1 | 03-06-2002 30-05-2002 |
| US 4979986 | A | 25-12-1990 | AU 3016789 A | 24-08-1989 |
| US 4439235 | A | 27-03-1984 | NONE | |
| US 4605537 | A | 12-08-1986 | AU 578195 B2 AU 4749985 A CA 1245459 A1 | 13-10-1988 27-03-1986 29-11-1988 |